



NMCI and You



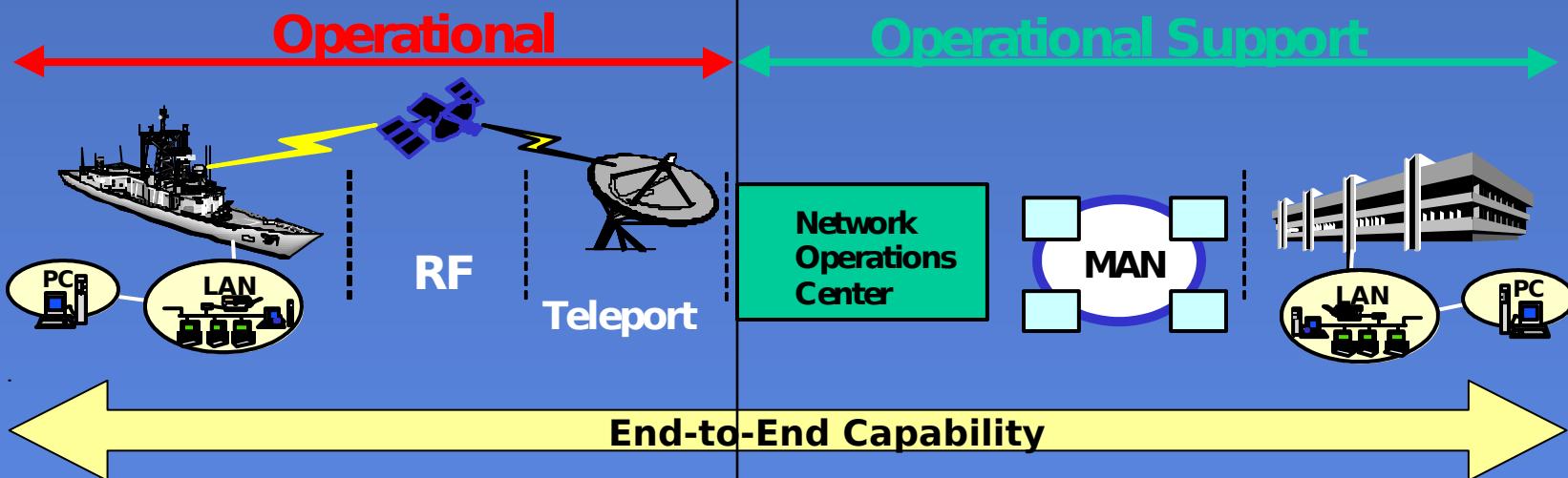
*Bob Dofner
NAVSEA NMCI Project
Manager*



What's the Program?

- NMCI is the single source for Information Technology (IT) support across the ashore DON:
 - Desktops
 - Networks
 - Helpdesk
 - Maintenance
 - Technology Refresh

NMCI and the Fleet



- **IT21 is:**
 - Shipboard LANs
 - Ship to shore radio terminals
 - Space segment (for SATCOM)
 - Shore gateways

Purchase!

- **NMCI is:**
 - IT Services
 - LANs/ WANs / MANs
 - Seat Management
 - PCs and Enterprise-wide software
 - Help Desks

Lease!



Network Capabilities

- Leased circuits replaced
- Provided End-to-End connectivity across DON including the piers
- External connections to business partners
- NIPER, SIPER, DREN, IT-21 interface through the NOCs

- **Defense in Depth**
- **Access through Common Access Card (CAC - Smartcard)**
- **PKI integrated into architecture**
- **Remote Access restricted**
 - Special Hardware/Software builds required
- **Supports through “Secret”**
- **Shared IA roles and responsibilities**



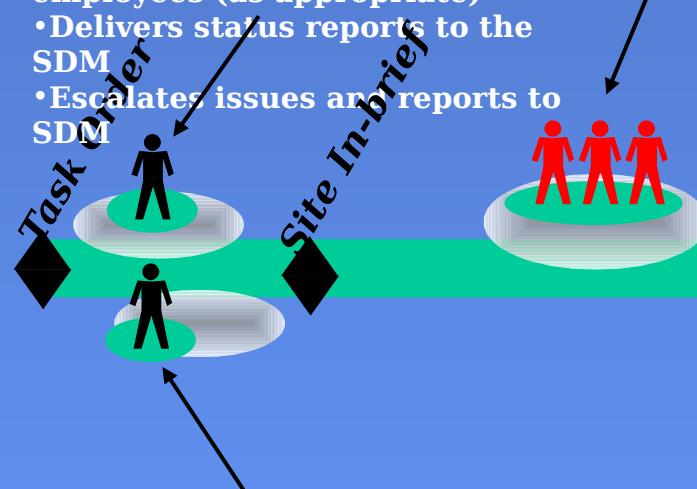
Business Partners

- **Connectivity guaranteed; current connection method may change:**
 - **On-site use and pay for NMCI like Government**
 - **Off-Site use external connection(s) defined on case-by-case but must meet NMCI security, access and performance standards**

Transition Process

SITE TRANSITION MANAGER (STM)

- Responsible for the delivery of all resources required during transition
- Hire incumbent contractors
- Incorporate government employees (as appropriate)
- Delivers status reports to the SDM
- Escalates issues and reports to SDM



SITE DELIVERY MANAGER (SDM)

- Responsible for "as is" environment
- Responsible to deliver all NMCI services
- Manages customer relationship
- Directs all ISF resources
- Reports to regional manager
- Incorporate government employees (as appropriate)

VALIDATION TEAMS

- SAT begin essential work early in Phase I that could pose threats to meeting AOR or Cutover in the schedule.
- SATs are matrixed as required at each site
- SATs report to the STM,
- Composition:
 - Facilities SAT
 - Security SAT
 - Legacy Applications SAT
 - Wide Area Network Provisioning (WAN) SAT

VALIDATION TEAMS

- Desktop/Printer Teams
- File & Print Server Teams
- Messaging Server Teams
- BAN/LAN Teams
- Information Assurance Teams
- Video Teams (If applicable)
- Voice Teams (if applicable)



Legacy Applications

- All Legacy Application are supported
- Legacy Application operations and maintenance remain with DON
- Legacy Applications includes all:
 - COTS
 - GOTS
 - DON/Joint
- Applications must:
 - Have IA Certification and Accreditation (C&A)
 - Operate under WIN2000 on the Desktop



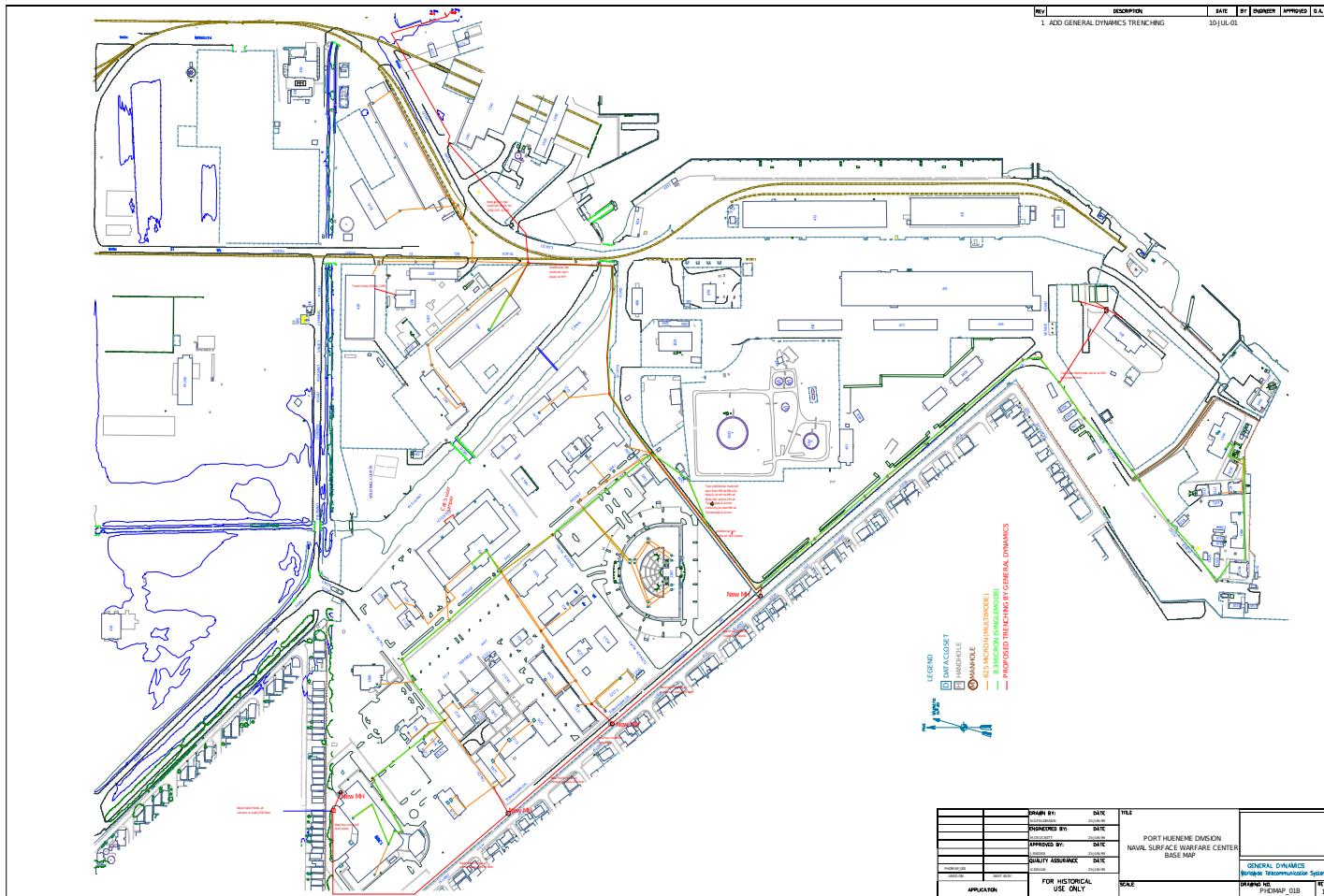
Legacy Application Solutions Plan

- **The Legacy Application Solutions Plan includes:**
 - The Solution Category for the application
 - Network placement during transition
 - Final network placement
 - Initial application access
 - NCAP (NMCI Connection Approval Process) Disposition
 - Solution Options
 - Migration Tasks and Responsibilities
 - Necessary approvals to proceed
 - Assumptions
 - PoP in a Box Test Results
 - Notes
- **Development of the Legacy Application Solutions Plan begins during Tier II and Tier III validation.**
- **The Legacy Application Solutions Plan is provided to the Site Transition Team and the Government.**

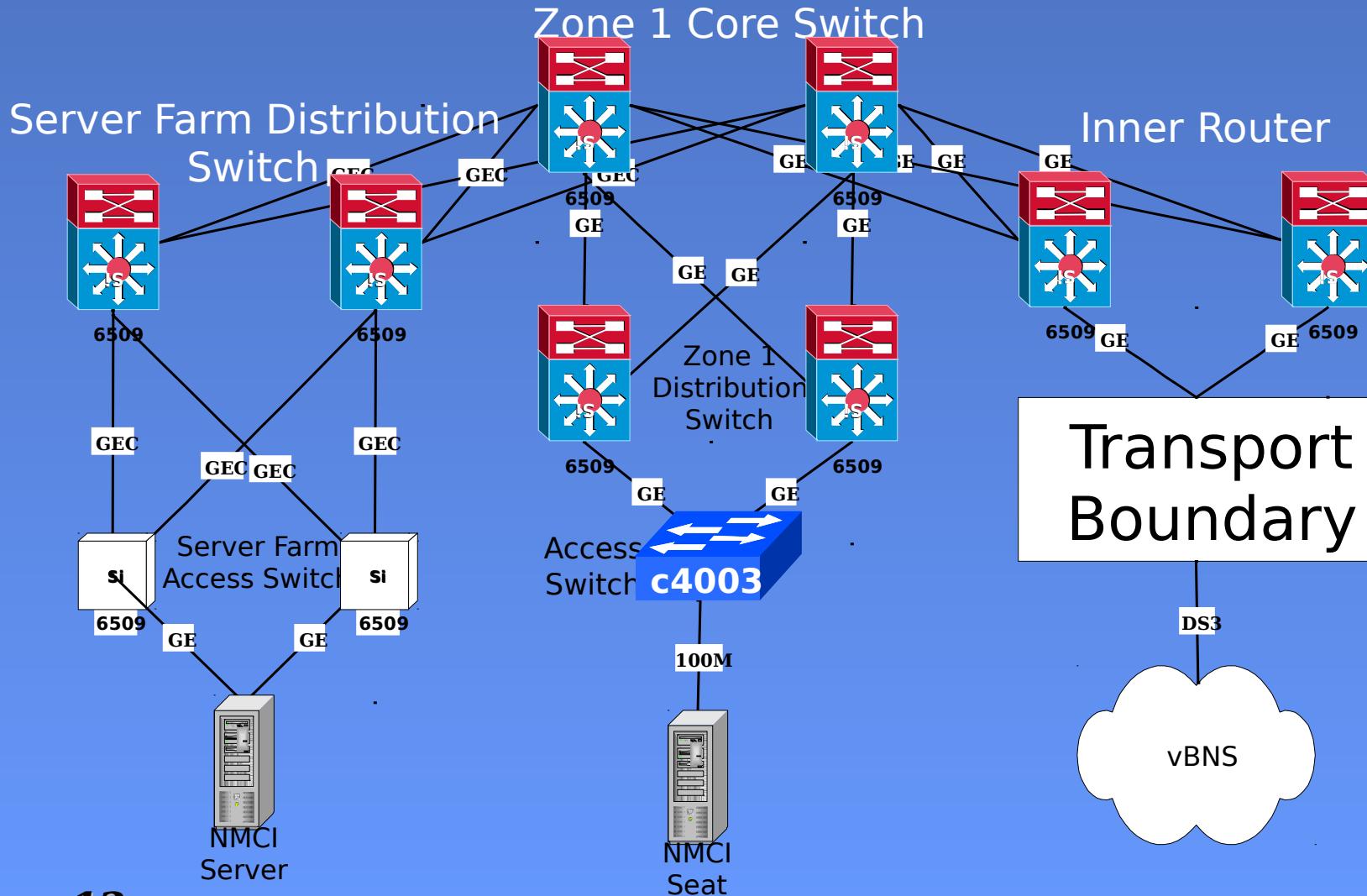
Solution Categories

- **Legacy Application is compliant with USN/USMC firewall policy and is a candidate for trusted NMCI.**
- **Legacy Application is currently non-compliant with USN/USMC firewall policy, but can migrate to trusted NMCI. DAA must be willing to accept risk, with IATO.**
- **Legacy Application is non-compliant with USN/USMC firewall policy and will be located in Boundary DMZ.**
- **Legacy Application is non-compliant with USN/USMC firewall policy and will not migrate behind Boundary. Candidates for re-engineering or retirement.**

LAN Backbone - Outside Plant

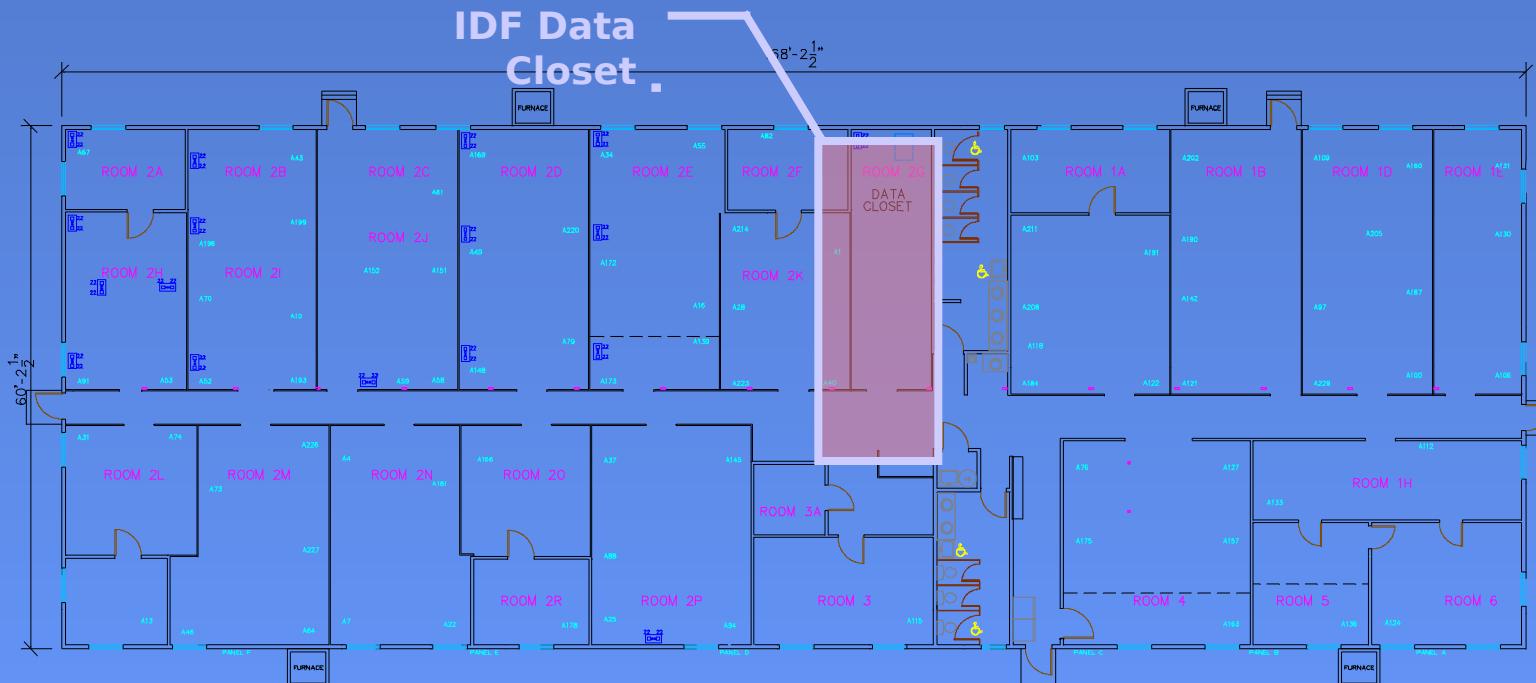


Unclassified Seat Network Connectivity

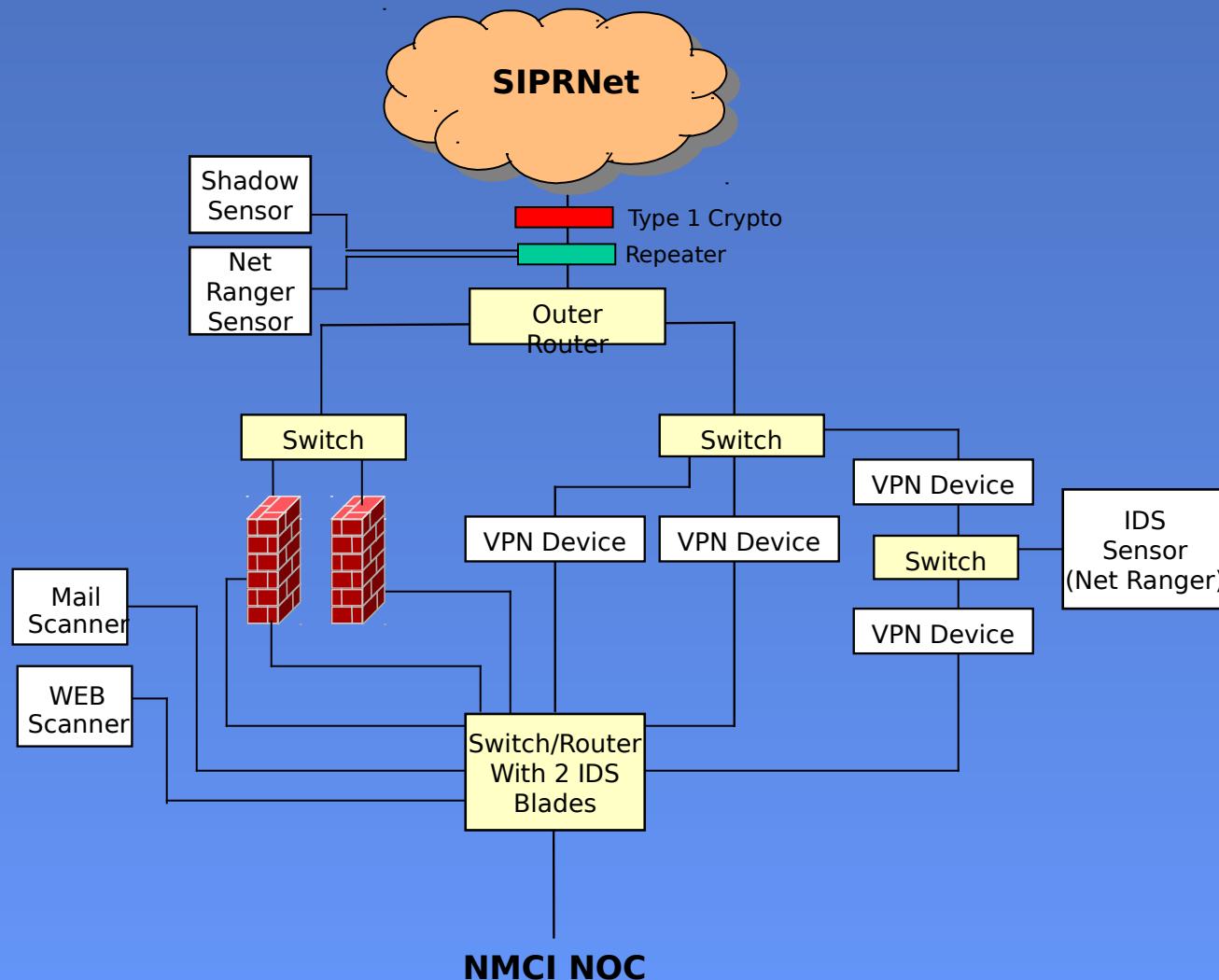


LAN Backbone (Build Out/Re-Cabling)

- Building 1218 has an inadequate data closet and inadequate cabling. It requires a data closet build out and four (4) additional Category 5 cables to be installed to each workstation to meet NMCI design requirements.



Classified Boundary 1





Questions?
